

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. - 23. (Canceled).

24. (Previously Presented) A pattern writing system including a pulse laser light generating portion and two-dimensionally arranged micromirrors and reduction-projecting said micromirrors onto a substrate, said pattern writing system comprising:

means for generating pulse laser light;

means for performing pattern transfer while overlapping, in both of two perpendicular moving directions on said substrate, projection patterns of said two-dimensionally arranged micromirrors, each projected onto said substrate by one-time pulse laser light; and

a pinhole plate that can divide, into a large number of fine light beams, the pulse laser light from the pulse light source applied to a mirror device including said micromirrors,

wherein said pinhole plate has a first Peltier element provided on one side of a first surface and a second Peltier element provided on another side of the first surface opposite the one side.

25 - 31. (Canceled).

32. (New) A pattern wiring system according to claim 24, wherein the pinhole plate comprises a quartz glass and a metal plate which is formed on a surface of the quartz glass and which has a plurality of pinholes formed on the metal plate, the first and second Peltier elements being attached to the metal plate.